

I have problems with strong RF interference from my Carrier 8000VS furnace with a direct current blower motor caused by the AC to DC power supply. The application of many ferrite cores to power leads leading to the motor supply and the furnace's main power leads has lessened the strength of the interference but not eliminated it. The interference probably simulates what would be experienced by broadband transmissions over powerlines. The interference reoccurs every 7 KHz over the entire HF spectrum. Digital signals would likely be full of harmonics which would also appear over a very large spectrum, and would cause interference and block signals from distant radio stations such as are operated by the amateur radio service in the HF band. I am opposed to broadband transmissions over powerline.

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